

WHAT IS CLAIMED IS:

- 1 1. A computer program product for creating a multi dimensional
2 report from information in at least one database, said computer program product
3 comprising:
4 code for receiving a definition of at least one customer profile of a
5 plurality of customer profile groups;
6 code for receiving from a user input indicating a report configuration
7 selection;
8 code for creating at least one first dimension table based upon said report
9 configuration selection and said information;
10 code for creating at least one fact table based upon said report
11 configuration selection and said information;
12 code for providing a report comprised of said at least one first dimension
13 table and said at least one fact table; and
14 a computer readable storage medium for containing the codes.

1 2. The computer program product of claim 1 wherein said report is an
2 customer profile report, said information further comprising business performance
3 measures, said code for creating at least one first dimension table further comprising:
4 code for creating a customer profile hierarchy; and said code for creating
5 at least one fact table further comprising:
6 code for aggregating said business performance measures according to
7 said customer profile hierarchy.

1 3. The computer program product of claim 1 wherein said report is an
2 operation report, said information further comprising business performance measures,
3 said code for creating at least one fact table further comprising:
4 code for aggregating said business performance measures; and
5 code for filtering said customer profiles.

1 4. The computer program product of claim 1 wherein said report is a
2 customer behavior report, said information further comprising customer records, said
3 code for creating at least one first dimension table further comprising:

4 code for creating a customer profiles; and said code for creating at least
5 one fact table further comprising:

6 code for aggregating customer records based on said customer profiles.

7
1 5. The computer program product of claim 1 further comprising:

2 code for creating a list of customers for each customer profile in said

3 plurality of customer profile groups; and

4 code for creating customer classification components in a meta model for

5 each customer profile group.

1 6. The computer program product of claim 1 wherein said

2 information comprises telecommunications information.

1 7. The computer program product of claim 1 wherein said

2 information comprises financial information.

1 8. The computer program product of claim 1 wherein said

2 information comprises retail marketing information.

1 9. The computer program product of claim 1 wherein said

2 information comprises insurance information.

1 10. The computer program product of claim 1 wherein said

2 information comprises health care information.

1 11. A computer program product for creating a multi dimensional

2 report from information in at least one database, said computer program product

3 comprising:

4 code for receiving a definition of at least one customer profile of a

5 plurality of customer profile groups;

6 code for creating a list of customers for each customer profile in said

7 plurality of customer profile groups;

8 code for creating customer classification components in a meta model for

9 each customer profile group;

10 code for receiving from a user input indicating a report configuration

11 selection;

12 code for extracting information from said at least one database;
13 code for creating at least one first dimension table based upon said report
14 configuration selection;
15 code for creating at least one fact table based upon said report
16 configuration selection and said information;
17 code for providing a report comprised of said at least one first dimension
18 table and said at least one fact table; and
19 a computer readable storage medium for containing the codes.

1 12. The computer program product of claim 11 wherein said report is
2 an customer profile report, said information further comprising business performance
3 measures, said creating at least one first dimension table further comprising:
4 code for creating a customer profile hierarchy; and said code for creating
5 at least one fact table further comprising:
6 code for aggregating said business performance measures according to
7 said customer profile hierarchy.

1 13. The computer program product of claim 11 wherein said report is
2 an operation report, said information further comprising business performance measures,
3 said code for creating at least one fact table further comprising:
4 code for aggregating said business performance measures; and
5 code for filtering said customer profiles.

1 14. The computer program product of claim 11 wherein said report is a
2 customer behavior report, said information further comprising customer records, said
3 code for creating at least one first dimension table further comprising:
4 code for creating a customer profiles; and said code for creating at least
5 one fact table further comprising:
6 code for aggregating customer records based on said customer profiles.

1 15. The computer program product of claim 11 wherein said
2 information comprises telecommunications information.

1 16. The computer program product of claim 11 wherein said
2 information comprises financial information.

1 17. The computer program product of claim 11 wherein said
2 information comprises retail marketing information.

1 18. The computer program product of claim 11 wherein said
2 information comprises insurance information.

1 19. The computer program product of claim 11 wherein said
2 information comprises health care information.

1 ~~20.~~ A computer program product for transferring information from a
2 first database, said first database organized according to a first data model, to a second
3 database, said second database organized according to a second data model to serve as the
4 basis of analysis of the data, said computer program product comprising:
5 code for receiving as input a first data model definition;
6 code for receiving as input a second data model definition;
7 code for creating a mapping, said mapping providing a translation for data
8 from said first data model to said second data model;
9 code for migrating said data from said first database to said second
10 database according to said mapping; and
11 a computer readable storage medium for containing the codes.

1 21. The computer program product of claim 20 wherein said first data
2 model comprises a star schema.

1 22. The computer program product of claim 20 wherein said second
2 data model comprises an identity centric data organization.

1 23. The computer program product of claim 22 wherein said identity is
2 a customer identity.

1 24. The computer program product of claim 20 wherein said
2 information comprises telecommunications information.

1 25. The computer program product of claim 20 wherein said
2 information comprises financial information.

1 26. The computer program product of claim 20 wherein said
2 information comprises retail marketing information.

1 27. The computer program product of claim 20 wherein said
2 information comprises insurance information.

1 28. The computer program product of claim 20 wherein said
2 information comprises health care information.

1 29. The computer program product of claim 20 wherein said second
2 data model comprises a reverse star schema.

1 30. A computer program product of analyzing information from a
2 database, said database organized according to a first data model, said computer program
3 product comprising:

4 code for receiving as input a definition of a second data model;
5 code for creating a mapping from said first data model to said second data
6 model;
7 code for analyzing said data based upon said second data model and said
8 mapping; and
9 a computer readable storage medium for containing the codes.

1 31. The computer program product of claim 30 wherein said first data
2 model comprises an identity centric data organization.

1 32. The computer program product of claim 31 wherein said identity is
2 a customer identity.

1 33. The computer program product of claim 30 wherein said
2 information comprises telecommunications information.

1 34. The computer program product of claim 30 wherein said
2 information comprises financial information.

1 35. The computer program product of claim 30 wherein said
2 information comprises retail marketing information.

1 36. The computer program product of claim 30 wherein said
2 information comprises insurance information.

1 37. The computer program product of claim 30 wherein said
2 information comprises health care information.

1 ~~38.~~ A system for visualizing information, said system comprising:
2 an OLAP server;
3 at least one data source;
4 a data warehouse;
5 at least one decision support computer, interoperable with said data
6 warehouse, said at least one data source and said OLAP server;
7 wherein said decision support computer is operatively disposed to:
8 create a mapping, said mapping providing a translation for data in said at
9 least one data source to said data warehouse;
10 migrate said data from said at least one data source to said data warehouse
11 according to said mapping; and
12 provide said data to said OLAP server for display.

add